

## ***First Circular and Call for Abstracts***

# **19<sup>th</sup> International Congress of the Hungarian Society for Microbiology**

## **EÖTVÖS CONFERENCE IN SCIENCE**



**ELTE** | FACULTY OF  
SCIENCE



### ***Organized by***

the Hungarian Society for Microbiology,  
the Faculty of Science, Eötvös Loránd University,  
and the Foundation of the Hungarian Society for Microbiology

### ***Scientific Advisory Board***

David Berry (Vienna, Austria) – Trinad Chakraborty (Gießen, Germany) –  
Robert Duran (Pau, France) – Attila Gácsér (Szeged, Hungary) – József Kónya  
(Debrecen, Hungary) – Károly Márialigeti (Budapest, Hungary) – János  
Minárovits (Szeged, Hungary) – István Molnár (Espoo, Finland) –  
Leonardo Nimrichter (Rio de Janeiro, Brasil) – Csaba Pál (Szeged, Hungary) –  
István Pócsi (Debrecen, Hungary) – András Táncsics (Gödöllő, Hungary)

**5-7 July, 2023**

**Eötvös Loránd University Convention Centre  
Budapest, Hungary**

## DEAR COLLEAGUES,

On behalf of the Presidium of the Hungarian Society for Microbiology and the Council of the Faculty of Science Eötvös Loránd University we invite you to attend the 19th International Congress of the Hungarian Society for Microbiology (July 5-7, 2023) at the Faculty of Science Eötvös Loránd University organized by the Hungarian Society for Microbiology, the Faculty of Science, Eötvös Loránd University, and the Foundation of the Hungarian Society for Microbiology at the Faculty of Science Eötvös Loránd University. The Hungarian Society for Microbiology organizes its every second Annual Meetings as international scientific events. Two years ago the 6<sup>th</sup> Central European Forum for Microbiology (CEFORM; co-organized with the Croatian and Slovenian Microbiological Societies) attracted participants from several European countries contrary to the pandemic situation. We hope that our 19<sup>th</sup> International Congress will appeal to even more Colleagues than the previous ones and will be a superb meeting in the beautiful city of Budapest. The official language of the Congress is English. The programme will cover all major branches of microbiology and will include invited plenary and semi-plenary lectures (20+10 min), lectures (10 + 5 min), and short (poster) presentations (3+2 min). We are looking forward to see you at the Congress (venue: Eötvös Loránd University Convention Centre, Budapest XI., Pázmány Péter sétány 1.) and we hope that you will find it a stimulating scientific event and happy personal experience.

DR. KÁROLY MÁRIALIGETI  
*former President,  
Hungarian Society for Microbiology*

## Local Organizing Committee

Andrea K. Borsodi \ Katalin Burián \ Mátyás Cserhádi \ Márta Csire \ Eszter Csoma \ Tamás Emri \ Erzsébet Fekete \ László Fodor \ László Hornok \ Ferenc Jakab \ Levente Karaffa \ Gábor M. Kovács \ Renátó Kovács \ László Kredics \ Katalin Kristóf \ László Majoros \ Anna Maráz \ Ilona Pfeiffer \ Valter Péter Pfliegler \ György Schneider \ Mathias Sipiczki \ András Szekeres \ Katalin Szomor \ Ákos Sveiczter \ Mária Takács \ Erika Tóth \ Csaba Vágvölgyi \ Balázs Vajna,

and

Orsolya Dobay Congress Secretary (e-mail: [mmt@mmt.org.hu](mailto:mmt@mmt.org.hu))

## PRELIMINARY SCIENTIFIC PROGRAM

### *Accentuated topic*

Multimomics approaches to reveal microbial function and synthetic “microbiology”.

### *Agricultural and Food Microbiology*

Omics of soil – plant – animal – microbe interactions in crop production; Omics approaches in soil fertility investigations; Biotization, rhizosphere and phyllosphere technology; Forest microbiom; Bio-indication and bio-sensors; Improvement of microbiological safety of foods; Food safety and agricultural raw materials, microbiological risk assessment; Wine and winery microbiome; Pro- and prebiotics, biopreservation; Microbial interactomics; Adaptomics in the food chain

### *Bacteriology*

Molecular biology, physiology and evolution of bacteria; Application of “omics” in bacterial research, diagnosis, preventive efforts and epidemiology; The role of bacterial microbiome in homeostasis and disease; Human and veterinary bacterial pathogens and pathogenesis; Genetic background and mechanisms of antimicrobial resistance; Bacteriophages

### *Clinical and Diagnostic Microbiology*

Case reports; Possibilities and restrictions in gene therapy; Diagnostic methods; STD-STI (syphilis, HIV/AIDS, genital herpes, HPV, Chlamydia infections); Microbial interactions; Resistomics and treatment options

### *Environmental Microbiology and Biotechnology*

Novel culture techniques to reveal the hidden diversity; Microbial taxonomy in the omics era; Functionomics of microbial communities; Biodiversity and adaptation of extremophiles, paleomicrobiology; Metagenomics in the environmental microbiology; Biogeochemical cycles and climate change; Microbial ecology of artificial and polluted environments; Single-cell based omics techniques; Microbiom of classical and novel environmental biotechnologies

### *Immunology and Parasitology*

Infection and immunity; Immunogenetics, immunodiagnostics; Control of infectious diseases: vaccination; Application of lipidomics approaches in understanding chronic microbial infections; Proteomic approaches in understanding the function of microbiome; Host-parasite interactions, new and emerging parasitic diseases; Protozoa in the human microbiome; Helminthology, and protozoal diseases, taxonomic questions of parasites

### *Industrial Microbiology – Fungal Industrial Biotechnology*

Microbial and non-microbial fermentations and bioconversions; Fungal (Ascomycota, Basidiomycota) platforms in industrial biotechnology; Applied fungal genomics; Molecular physiology of enzyme and metabolite overflow; Biochemical engineering, bioreactor design, modelling; Fermentation analytics and control

### *Mycology*

Evolution and phylogenetics of fungi; Fungal cell biology and physiology; Genetics, genomics, proteomics and metabolomics of fungi; New tools for fungal genome engineering; Fungi as pathogens, host-fungal interactions, epidemiology; Diagnostic methods and platforms in mycology; Applied mycology

### *Virology*

All aspects of human, animal and plant viruses; Evolution of viruses, molecular virology, tumour inducing viruses; Pathogenesis of virus diseases, virus-host interaction; Diagnostics of viral diseases; Novel endogenic and exogenic retroviruses in the pathogenesis of human diseases, aging and viruses; Vaccination and therapy, bioterrorism; Viral genomics, metagenomics, epigenomics, transcriptomics, proteomics; virome

## CALL FOR PAPERS AND ABSTRACT SUBMISSION

### Language

The official language of the Congress is English.

### Call for Papers

Papers related to any topic covered by the sessions of the congress will be considered. Please use the homepage of the Hungarian Society for Microbiology ([www.mmt.org.hu](http://www.mmt.org.hu)) for registration and abstract submission. Authors should express their preference for the different presentation types (plenary and semiplenary: 20+10 min, lecture 10 + 5 min, and short presentation: 3+2 min). There are limited possibilities for plenary/semiplenary presentations, therefore some abstracts submitted as such may be converted to normal lectures. However, some short presentations will be selected even for the semiplenary sessions. All authors concerned will be notified in due time. (If you are unwilling to make a short presentation please indicate it on the registration sheet!) Speakers at lectures will have 15 minutes, which includes questions and discussion. The time limit will be strictly kept, whenever reasonable.

#### **Deadline for abstract submission is**

**31 May.**

Standard audio-visual equipment will be provided. Please indicate your special needs (e.g. two video-projectors) in the registration form.

The Abstract Book of the 19th International Congress of the Hungarian Society for Microbiology will be published as a supplement issue of *Acta Microbiologica et Immunologica Hungarica*. The abstract (including author/s/ + affiliation/s/ + address/es/ + text body) should not exceed 3500 characters. Please follow the instructions in the online abstract submission system!

### Short presentation competition

Participants under 35 years with short presentations will be eligible for prizes. To compete in the awards, a letter confirming the age must accompany the online submitted abstract to the Congress Secretariat from the congress homepage!

## PRELIMINARY SCHEDULE

July 4, 2023 (Tuesday)	Afternoon from 5 pm - 8 p.m.	Arrival and registration
July 5, 2023 (Wednesday)	Morning from 8 a.m.	Arrival and registration Opening ceremony, Manninger Memorial Session Inaugural Lectures of Honorary Members of the Hungarian Society for Microbiology
	Afternoon	Plenary Session: Multiomics approaches to reveal microbial function and synthetic "microbiology".
	Evening	Facultative programme (House of Music Hungary)
July 6, 2023 (Thursday)	Morning	Semi-plenary scientific sessions in diagnostic and environmental microbiology
	Afternoon	Scientific sessions
	Evening	Congress banquet
July 7, 2023 (Friday)	Morning	Semi-plenary scientific sessions
	Late morning	Scientific sessions
	Late afternoon	Closing ceremony, Best Short Presentation Award

## PARTICIPATION AND FEES

### Congress Participants

Early registration fee	before May 31, 2023	390.- €
Registration fee	after May 31, 2023	520.- €

The registration fee includes participation at the scientific program, commercial exhibition and banquet (6 July), a congress bag, a supplementary issue of *Acta Microbiologica et Immunologica Hungarica*, coffee/refreshment tickets.

### Accompanying Persons

The registration fee (120.-€) includes visit of the commercial exhibition, banquet and a City Tour of Budapest. Please register for the lunches in the online registration system ([www.mmt.org.hu](http://www.mmt.org.hu)). We also offer various cultural and tourists programs in Budapest; half-day and full-day excursions will be offered also for participants and accompanying persons during the conference.

## THE COUNTRY, THE CITY, THE CONGRESS VENUE AND ACCOMMODATION

Hungary (<http://visithungary.com/>)

The Republic of Hungary is situated in Central Europe. The country covers an area of less than 100,000 km<sup>2</sup> and it has roughly 10 million inhabitants, who speak a unique language which is not used anywhere else in the world. Hungary is a full member of the European Union. In the year of 2000 the nation celebrated the thousandth anniversary of the foundation of the Hungarian State. Since the time of the state founder King Saint Stephen, Hungary had to go through several repeated trials and tribulations besides its golden eras, but it could stay on its feet despite its stormy history. Today, Hungary is one of the most popular destinations of visitors who wish to encounter this beautiful country with its natural, historical, cultural and gastronomic attractions.

Budapest (<http://www.budapest-tourist.info/>)

The capital of Hungary, known by many as the „Pearl of the Danube”, is undoubtedly one of the most beautifully located cities in the world. The river Danube runs through the middle of the metropolis of two million, dividing hilly Buda with its narrow cobbled streets and mixture of medieval and neo-classical buildings from the Pest plain with its wide boulevards.

Because of the picturesque panorama offered by the river and its bridges, the Parliament, the imposing Royal Castle, Fishermen’s Bastion and the impressive Danube Embankment, UNESCO placed this site on the World heritage list.

The guests will find side by side the remains of fortresses and buildings from Roman times, still operating Turkish baths, Gothic and Baroque buildings, and the incredible rich Art Nouveau architectural heritage. There is no other capital city in the world with close on 100 thermal springs and 12 medicinal baths within its boundaries, where 90 million L of thermal water rise to the surface each day.

It is a city where the pleasing harmony of different architectural styles and superb structures, gastronomy and culture are combined with legendary hospitality blend into an unforgettable experience for visitors. During your visit you will have a chance to get acquainted with the sights of Budapest, a city inhabited by descendants of the Magyar tribes 1100 years ago and many invaders, settlers and refugees who arrived later. The Roman period, the Turkish occupation and the „good old” Austro-Hungarian Monarchy, such as the remnants of the socialist times has left unique, still visible marks on the capital. We hope that you will enjoy the wonderful panorama and taste the delicious foods and excellent wines of the country while in Budapest. Welcome!

### Congress Venue

The Congress and the connected Exhibition will be held at the Eötvös Loránd University Convention Centre (address: Budapest XI., Pázmány Péter sétány 1.). The venue is equipped with a complete range of conference facilities and there is ample comfortable accommodation nearby. The Congress site can be reached easily by public transport (e.g. trams No. 4 or 6 and/or bus No. 12) and it is fully accessible for disabled people. It is situated in a pleasant and scenic park on the Danube embankment, enriched by the pleasant atmosphere on the Buda side of the river.

The Eötvös Loránd University (<http://www.elte.hu/en>) is three and a half century old, and one of the biggest universities of Hungary. The broad range and high quality of its education, along with its research capacity and intellectual resources, place it among the leading academic institutions of the country. The Faculty of Science is made up of departments and laboratories grouped

into five institutes. These cover disciplines in biology, chemistry, earth sciences and geography, mathematics, and physics. There are over 4,000 full-time graduate and about 500 PhD students as well as 400 academic staff members.

### *Accommodation*

Rooms have been reserved for the participants in neighbouring hotels. Please indicate your preferences in the online registration system where you can find descriptions of hotels as well. The prices are to be understood per night per room, including breakfast and taxes. Accommodation fee together with the Registration fee should be paid in advance either by bank transfer or by online credit card payment.

## **MEALS**

### *Coffee breaks*

Coffee breaks will be served at the Reception Hall of the Eötvös Loránd University Convention Centre.

### *Lunch*

The conference does not provide a dedicated lunch for the participants. (Ordered catering prices became unaffordable.) However, we have collected the nearby dining options and canteens in the link below.

<https://goo.gl/maps/iYPdjwkdQh2pCSVq5>

### *Banquet dinner*

The banquet will take place on Thursday (6 July) in a nearby restaurant to the Congress Venue.

### *Evening Programme (optional) on 5 July*

The presentations will be followed by a guided tour in the beautiful [House of Music Hungary](#) and afterwards you can enjoy a delicious dinner accompanied with the best Hungarian wines.

Participation fee is 80 EUR.

## **DEADLINES AND PAYMENT INFORMATION**

**Deadline for Abstract Submission:**

**31 May 2023**

**Deadlines for Registration and Payment:**

**Early registration**

**payment before 31 May 2023**

**Regular registration**

**payment after 31 May 2023**

**Cancellation charge:**

**80% Refund**

**before 15 June 2023**

**No Refund**

**after 15 June 2023**

Please register at the homepage of the Hungarian Society for Microbiology ([www.mmt.org.hu](http://www.mmt.org.hu)). Please follow the instructions in the online registration system at submission of your registration/accommodation preferences.

Payments (registration fee, accommodation fee, optional meals, etc.) should be sent to Weco Travel Ltd. (Szép u. 2., Budapest, H-1053 Hungary; phone: +36-1-266-7032; fax: +36-1-266-7033; e-mail: [mmt@wecotravel.hu](mailto:mmt@wecotravel.hu)) by means of:

- bank transfer to Erste Bank Hungary (Népfürdő utca 24-26. H-1138 Budapest, Hungary) account No (EUR): 11600006-00000000-83615326 (IBAN: HU14 1160 0006 0000 0000 8361 5326; SWIFT: GIBAHUHB) with reference: MMT2019+name of participant.

- online credit card payment (SimplePay)

Please kindly note that all bank charges (if any) should be covered by the payee.

### *Cancellation*

Registration cancellations must be made in written form to the Congress Secretariat ([mmt@wecotravel.hu](mailto:mmt@wecotravel.hu)).

## **LETTER OF INVITATION**

If you require a letter of invitation please notify the Congress Secretariat.

Invitation is only to assist participants to obtain travel grants, visa, etc. and does not imply any commitment of the Congress Administration to provide financial support.

## EXHIBITIONS/SPONSORS

A commercial exhibition related to microbial diagnostics, research and biotechnology for laboratory suppliers, publishers, and consultants will be organized during the meeting. A sponsorship program ensures contributing organizations receive maximum exposure during the meeting. For further information please contact the Congress Secretariat [mmt@wecotravel.hu](mailto:mmt@wecotravel.hu).

## GENERAL INFORMATION

Most European and North American international airlines serve Budapest by regular flights. Railway connections are excellent with all European countries. Those who come by car should notice that the Congress Venue is easily accessible from the M1 and M7 motorways.

**Public transportation** in Budapest is extensive, and reliable. Tickets must be purchased at vending machines (e.g. in stops, Metro stations), Hotels, Tobacco shops, etc. or on-line (<https://bkk.hu/en/tickets-and-passes/>) in advance and validated on board. Last buses and trams start from the final stops at 11 p.m., thereafter tram and bus night services operate only.

The climate in July is very pleasant, for some people may be even hot. The average daytime temperature is around 22°C degrees. Daily maximum values will reach 28-34°C. A light coat and some wet weather protection might be useful, especially for those who plan to take part at congress tours.

**Currency:** Hungarian Forint.

**Credit cards:** Visa, Eurocard, MasterCard, American Express, is accepted in Hotels and most restaurants and stores. Please ask before ordering! Shopping hours: usually 10.00 to 18.00.

Power supply: 230 V, AC 50 Hz.

Value Added Tax: 27% VAT (in Hungarian: "ÁFA") is charged (except in duty-free shops).

Tippling: Tips in restaurants and for taxis – depending on the service – are optional but expected. Maximum rate is 10 %. There are some restaurants where a service charge is billed, in this case do not tip.